



PWGC EXPERTISE

Energy/Sustainability Solutions

- Geothermal Systems Feasibility Analysis, Design, Permitting and Construction Management
- Carbon Footprint Analysis, Profile & Management
- Power Generation
- Fuel/Alternative Fuels Systems Design, Permitting, Compliance, Construction Management
- Emissions Reduction
- Alternative Fuels Facility Design
- LEED and Green Consulting
- Green Roof/ Solar System Consulting

Civil/General Engineering

- Site Planning/Design
- Construction Planning, Management, QA/QC
- Facility Design & Condition Assessment
- Specifications, Cost Estimating
- Drainage Planning & Design

Consulting

- Expert Testimony/Counsel, Regulatory Liaison, Project Inspection/Owners Representation

Environmental Compliance & Management

- Phase I, Phase II Environmental Site Assessments
- Brownfield Support Services
- Regulatory Compliance Reporting
- Air, Water & Soil Sampling/Monitoring
- Environmental & Health Risk Assessment
- Cost Estimating
- Air Quality & Air Emissions Inventories
- Title V Permitting
- TRI Reporting
- Radiological Emissions
- Contingency Plan Development & Revision
- Facility Plan Preparation: SPCC, SWPPP, FRP

Wastewater & Water Supply

- Water Supply & Wastewater Design
- Treatment & Distribution Systems Planning & Design
- Groundwater Modeling
- Evaluation, Planning & Technical Assistance
- Conservation Plan Development
- Comprehensive Feasibility Studies

Remediation/Hydrogeology

- Environmental Audits (Assess Environmental Liability)
- Risk-based Approach
- Remedial Investigation, Action
- Remediation Systems Selection & Design
- Groundwater Contamination
- Contaminant Fate & Transport Computer Modeling
- UST/AST Management



Strategic Environmental Engineering Solutions

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STRATEGIC ENVIRONMENTAL ENGINEERING SOLUTIONS

What is a Brownfield?

A brownfield is the expansion, redevelopment, or reuse of a property which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. The various State and Federal Brownfield programs have changed the way many view contaminated property. Benefits of cleaning up and reinvesting in these types of properties include:

- Increase of Local Tax Base,
- Facilitates Job Growth,
- Utilizes Existing Infrastructure,
- Takes Development Pressures off of Undeveloped, Open Land, and
- Improves and Protects the Environment.

Applying Knowledge and Insight

PWGC is considered one of the premier Brownfield consulting companies on Long Island and has been providing services related to the environmental restoration of impacted sites to diverse clientele for 18 years. These clients range from the single land owner to large private developers and conglomerates, municipalities, and industrial clients. To restore properties to effective use, PWGC has developed a full compliment of technical services that include:

- Site Assessments and Phase I & II ESA's,
- Accelerated Site Characterizations,
- Development of Remedial Programs,
- Preparation of Risk-Based Remedial Plans and Site Closures,
- Development of Specifications for Detailed Remedial Design, and
- Incorporating Engineering Controls into Redevelopment Plans.

PWGC's investigative and remedial approach incorporates the latest technology and protocols consistent with New York State's Brownfield Cleanup Guide, always having the end-use of the property in mind. PWGC has relied on its experience to actively develop innovative ways to streamline the BCP process to accommodate the fast paced schedule of most developers.



CONTACT US

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